Name:_____

Mr. Tiénou-Gustafson & Mr. Bielmeier

Geometry, Period_____

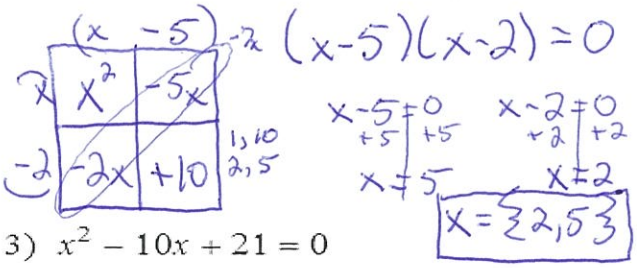
Due Date:_____

HW 76_Factoring Coefficients >1

Geometry Homework

Find the roots. (-b term, +c term)

1) $x^2 - 7x + 10 = 0$



2) $b^2 - 12b + 35 = 0$

3) $x^2 - 10x + 21 = 0$

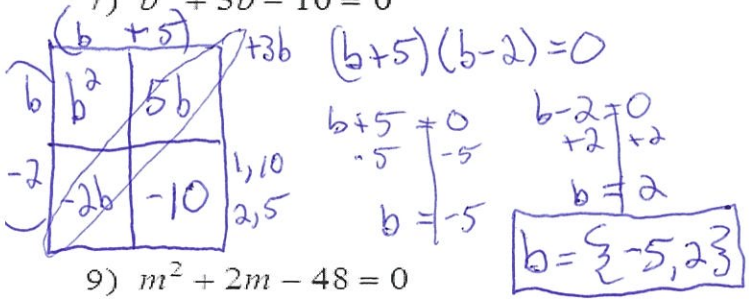
4) $x^2 - 8x + 12 = 0$

5) $a^2 - 8a + 15 = 0$

6) $b^2 - 12b + 32 = 0$

Find the zeros. (+b term, -c term)

7) $b^2 + 3b - 10 = 0$



8) $x^2 + 3x - 4 = 0$

9) $m^2 + 2m - 48 = 0$

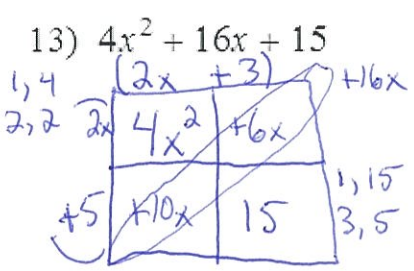
10) $m^2 + 3m - 40 = 0$

11) $b^2 + 3b - 18 = 0$

12) $v^2 + 5v - 24 = 0$

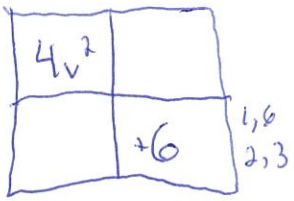
Factor each completely.

13) $4x^2 + 16x + 15$



$(2x+3)(2x+5)$

14) $4v^2 + 11v + 6$



15) $4n^2 + 13n + 10$

16) $5m^2 + 29m + 20$

17) $5v^2 + 8v + 3$

18) $3k^2 + 14k + 8$

19) Find line segment BC	20) If line segment AC is 35 units, what is the value of line segment MC?